

REMARKS

In response to the Examiner's Action mailed on November 19, 2003, claims 1 to 21 are amended. The applicant hereby respectfully requests that the patent application be reconsidered.

An item-by-item response to Examiner's objections or rejections is provided in the followings:

1. *Information Disclosure Statement (IDS)*

An Information Disclosure Statement (IDS) is resubmitted as that required by MPEP § 609.A(1) in a separate transmittal.

2. *Rejection of Claims Under 35 USC 103:*

The Examiner rejects claims 1-21 under 35 U.S.C. 103(a) as being unpatentable over Rivette et al., US 5,991,780 A priority filed **11/19/1993** in view of Krause et al., US 5,625,827 filed 12/23/1994.

In response to the rejections, claims 1 to 21 are amended. The amended claim 1 now directs to a document management system comprising:

- a) a document reading means for reading a single document having textual descriptions and at least a drawing having at least a graphic element assigned with an alpha-numeral designation, wherein said document reading means is further provided for converting said graphic element assigned with said alphanumerical-designation and said textual descriptions to a plurality of processor-recognized elements;
- b) a search and link means for searching said processor-recognized elements and linking said alpha-numeral designation with at least one associated segment of textual description including said alpha-numeral designation wherein said alpha-numeral designation linked to a naming term in said document; and
- c) a display means for displaying said drawing with said naming-terms displayed immediately next to said graphic elements and said alpha-numeral designation assigned to said graphic element.

The amended claim 7 now direct to a method of document management comprising:

- a) employing a document reading means for reading a single document having textual descriptions and at least a drawing having graphic elements each marked with an alpha-numeral designation or a graphic element naming term;
- b) converting said document including said graphic elements ~~with and~~ said alpha-numeral-designation or said graphic element naming-term to a plurality of processor-recognized elements;
- c) employing a search and link means for searching said processor-recognized elements and linking each of said alpha-numeral designation or said graphic element naming term with at least one associated segment of textual description including said alpha-numeral designation or said graphic element naming term in said document; and
- d) employing a display means for displaying said drawing with said naming-term immediately next to said graphic element marked by said alpha-numeral designation or said graphic element naming term.

The amended claim 13 now direct to A document management system for reading a **single** document having textual descriptions and at least a drawing consisted of graphic elements each designated with an alpha-numeral designation or a graphic element naming term associated with a naming term in said textual description in said **single** document, comprising:

a display means for displaying said drawing with said naming term included in said textual description in said single document displayed immediately next to each of said graphic elements

The amended claim 19 now directs to method for reading and managing a single document having textual descriptions and at least a drawing consisted of graphic elements each designated with an alpha-numeral designation designated by a naming term in said textual description of said single document, comprising:

employing a display means for displaying said drawing with said naming term included in said textual description in said single document displayed immediately next to each of said graphic elements.

The amended claims 1, 9, 13 and 19 are directed a document management system and method for processing a document by linking a drawing with graphic elements assigned with alpha-numeral designation and each of these alpha-numeral designations is associated with a naming term in an associated segment of textual descriptions in a single document that include the alpha-numeral designations linked to the naming terms. The system and method then link and display the graphic elements with the naming terms and/or the segment of textual descriptions immediately next to the graphic element.

In contrast to the disclosures made by Rivette and Krause:

- 1) These prior art references did not disclose such a linking between an alpha-numeral designation to the naming term in a single docuemtn.
- 2) These prior art references did not disclose a drawing that display the naming term with the alpha-numeral designation immediately next to the graphic element.
- 3) In Fig. 5, Krause display immediately next to the graphic element another graph from another document and not from the same document as now directed by the amended claims.
- 4) None of the drawings as shown in the prior art references show any naming term in any of the figures.

For a person of ordinary skill in the art, it is well understood and appreciated that the process and management f a single document and that of multiple documents involve different file manipulations, record tracking, and especially, the linking and pointing processes are much more complicated that that of a single document. For these reasons, a combination of Krause that processes and manages multiple files and different level of details with Rivette would not make the inventions obvious because the inventions as now directed by the amended claims are processing and managing a single document. A person after reviewing Krause will not be motivated to apply the techniques disclosed by Krause to Rivette to devise a single documents management system because the techniques, linking and inter-file updating processes are totally different.

For the above reasons, the amended claims 1-21 are non-obvious in view

of the cited prior art references.

With the amended claims and the reasons provided above, the applicant hereby respectfully requests that Examiner's objections to the drawings and rejections under 35 USC § 103 be withdrawn and the present application be allowed.

Respectfully submitted,
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By



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